

Set Name Query side by side			Count S	Set Name result set
DB=US	SPT; PLUR=YES; OP=ADJ			
<u>L5</u>	L4 and (recycled or reground or regrind or scrap)	_	9	<u>L5</u>
<u>L4</u>	L3 and (fluorin\$10 with polyethylene)		98	<u>L4</u>
<u>L3</u>	L2 and polyethylene		3086	<u>L3</u>
<u>L2</u>	L1 and polypropylene		3442	<u>L2</u>
<u>L1</u>	428/35.7 or 428/36.7 or 428/476.1 or 428/518 or 428/523 or 428/903.3	}	6537	<u>L1</u>

END OF SEARCH HISTORY

. * PALM INTRANET

Day: Tuesday Date: 10/14/2003 Time: 18:59:54

Inventor Name Search Result

Your Search was:

Last Name = FEHN

First Name = GREGORY

Application#	Patent#	Status	Date Filed	Title	Inventor Name	
60209905	Not Issued	159	06/07/2000	CONTAINER WITH IMPROVED SURFACE FRACTURE RESISTANCE	FEHN, GREGORY M.	
29105083	Not Issued	161	05/17/1999	PARTIAL EXTERIOR SURFACE OF A CONTAINER SIDEWALL	FEHN , GREGORY M.	
29048125	Not Issued	161	12/21/1995	PARTIAL EXTERIOR SURFACE OF A CONTAINER SIDEWALL	FEHN , GREGORY M.	
09939072	Not Issued	071	08/24/2001	FLUORINATED POLYPROPYLENE CONTAINER	FEHN, GREGORY M.	
09859022	Not Issued	161	05/15/2001	CONTAINER WITH IMPROVED SURFACE FRACTURE RESISTANCE	FEHN, GREGORY M.	
09768478	6479115	150	01/24/2001	CONTAINER WITH RECYCLED PLASTIC	FEHN, GREGORY M.	
08917044	6194043	150	08/19/1997	CONTAINER WITH RECYCLED PLASTIC	FEHN , GREGORY M.	
08685413	5814383	150	07/23/1996	CONTAINERS WITH IMPROVED CREASE-CRACK RESISTANCE	FEHN , GREGORY M.	
08284893	5693283	150	08/02/1994	CONTAINER WITH RECYCLED PLASTIC	FEHN , GREGORY M.	
06694375	4601926	150	01/24/1985	PROCESS FOR APPLYING COPOLYESTER BARRIER LAYER ON POLYESTER CONTAINER	FEHN , GREGORY M.	
05841638	D254357	150	10/11/1977	BEVERAGE BOTTLE	FEHN , GREGORY M.	

Inventor Search Completed: No Records to Display.

	Last Name	First Name	
Search Another:	FEHN	GREGORY	
Inventor		Search	

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WEST Search History

DATE: Tuesday, October 14, 2003

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•	SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L4	(L3 and (polypropylene with recycl\$2)) AnD ((@pd > 20030416)!)	4	L4
. L3	(L2 and (\$5layer or lamina\$5 or layered)) AnD ((@pd > 20030416)!)	2913	L3
L2	(L1 and polypropylene) AnD ((@pd > 20030416)!)	3310	L2
L1	(polyethylene and fluorin\$4) AnD ((@pd > 20030416)!)	5704	L1

END OF SEARCH HISTORY

	WEST		
	Help Logout Interrupt		
	Main Menu Search Form Posting Counts Show S Numbers Edit S Numbers Preferences Case	?S	
	Search Results -		
	Terms Documents		
	L2 and (fluorinat\$3 with polyethylene) 7		
Database: Search:	US Patents Full-Text Database US Pre-Grant Publication Full-Text Database JPO Abstracts Database EPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins L3 Refine Search		
	Search History		
DATE:	Tuesday, October 14, 2003 Printable Copy Create Case		
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	WPI; PLUR=YES; OP=ADJ	_	T. 0
<u>L3</u> <u>L2</u>	L2 and (fluorinat\$3 with polyethylene) L1 and fluorinat\$3	7 11	<u>L3</u> <u>L2</u>
<u>L1</u>	(container or bottle) and polypropylene and polyethylene and (layer or film or sheet)	1759	<u>L1</u>

END OF SEARCH HISTORY

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	L3 and (poly	ethylene with fluc	orin\$10	2		
Database:	US Patents Full-Text Databas US Pre-Grant Publication Full JPO Abstracts Database EPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bul	-Text Database		Refine Sear	r ch	
Commission		Search Histo	ory			
DATE: 7	Tuesday, October 14, 2003	Printable Copy	Create	e Case		
Set Name		Hit Co		Name sult set		
DB=D	WPI; PLUR=YES; OP=ADJ					
<u>L4</u>	L3 and (polyethylene with flu	uorin\$10)	2	<u>L4</u>		
<u>L3</u>	L2 and polyethylene		2	<u>L3</u>	٠	
1.2	I.1 and polypropylene		2	L2		

6

<u>L1</u>

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<u>L1</u>

fehn-g\$.in.

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L1: Entry 1 of 3

File: USPT

Nov 12, 2002

US-PAT-NO: 6479115

DOCUMENT-IDENTIFIER: US 6479115 B2

TITLE: Container with recycled plastic

DATE-ISSUED: November 12, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE Z

ZIP CODE

COUNTRY

Fehn; Gregory M.

Barrington

 ${ t IL}$

US-CL-CURRENT: $\frac{428}{36.6}$; $\frac{215}{12.1}$, $\frac{215}{12.2}$, $\frac{220}{62.12}$, $\frac{220}{62.13}$, $\frac{220}{62.22}$, $\frac{428}{36.9}$, $\frac{428}{421}$, $\frac{428}{903.3}$

ABSTRACT:

A container incorporating post-consumer recycled ("PCR") plastic and a method of making that type of container. The container utilizes a layer of polypropylene or EVOH or a film of fluorinated polyethylene toward the interior from the recycled plastic to prevent contaminants from the latter entering the container's contents. When utilizing EVOH, the container usually has an additional layer of polyethylene or polypropylene covering the EVOH to prevent its deterioration by moisture. Making the container involves first composing a resin including the recycled plastic. Forming the various layers listed above produces a container that includes recycled plastic and a barrier to limit the migration of contaminants from the recycled material to the container's contents. This permits the use of the resulting containers for food. For a fluorinated polyethylene film, fluorination can occur either during, or after the container's formation.

16 Claims, 9 Drawing figures Exemplary Claim Number: 1 Number of Drawing Sheets: 1

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L1: Entry 2 of 3

File: USPT

Feb 27, 2001

COUNTRY

US-PAT-NO: 6194043

DOCUMENT-IDENTIFIER: US 6194043 B1

TITLE: Container with recycled plastic

DATE-ISSUED: February 27, 2001

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE

Fehn; Gregory M. Barrington IL

ABSTRACT:

A container incorporating post-consumer recycled ("PCR") plastic and a method of making that type of container. The container utilizes a layer of polypropylene or EVOH or a film of fluorinated polyethylene toward the interior from the recycled plastic to prevent contaminants from the latter entering the container's contents. When utilizing EVOH, the container usually has an additional layer of polyethylene or polypropylene covering the EVOH to prevent its deterioration by moisture. Making the container involves first composing a resin including the recycled plastic. Forming the various layers listed above produces a container that includes recycled plastic and a barrier to limit the migration of contaminants f from the recycled material to the container's contents. This permits the use of the resulting containers for food. For a fluorinated polyethylene film, fluorination can occur either during or after the container's formation.

21 Claims, 9 Drawing figures Exemplary Claim Number: 1 Number of Drawing Sheets: 1

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End of Result Set

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L1: Entry 3 of 3

File: USPT

Dec 2, 1997

US-PAT-NO: 5693283

DOCUMENT-IDENTIFIER: US 5693283 A

TITLE: Container with recycled plastic

DATE-ISSUED: December 2, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Fehn; Gregory M. Barrington II

US-CL-CURRENT: 264/513; 215/12.1, 264/512, 264/515, 264/918, 428/36.6, 428/36.7

ABSTRACT:

A container incorporating post-consumer recycled ("PCR") plastic and a method of making that type of container. The container utilizes a layer of polypropylene or EVOH or a film of fluorinated polyethylene toward the interior from the recycled plastic to prevent contaminants from the latter entering the container's contents. When utilizing EVOH, the container usually has an additional layer of polyethylene or polypropylene covering the EVOH to prevent its deterioration by moisture. Making the container involves first composing a resin including the recycled plastic. Forming the various layers listed above produces a container that includes recycled plastic and a barrier to limit the migration of contaminants from the recycled material to the container's contents. This permits the use of the resulting containers for food. For a fluorinated polyethylene film, fluorination can occur either during or after the container's formation.

25 Claims, 9 Drawing figures Exemplary Claim Number: 1 Number of Drawing Sheets: 1